Learning to Fly: The Wright Brother's Adventure			
2003 Mathematics			
Standard Course of Study			
North Carolina Mathematics			
Grade 6			
Activity/Lesson	State	Standards	
Wright Brothers: 1902 Glider	NC	MA.6.2.01	Estimate and measure length, perimeter, area, angles, weight, and mass of two- and three-dimensional figures, using appropriate tools.
New Data	NC	MA.6.1.07	Develop flexibility in solving problems by selecting strategies and using mental computation, estimation, calculators or computers, and paper and pencil.
1902: Success at Last	NC	MA.6.1.02.a	Connect the model, number word, and number using a variety of representations.
1902: Success at Last	NC	MA.6.1.02.b	Make estimates in appropriate situations.
1902: Success at Last	NC	MA.6.2.01	Estimate and measure length, perimeter, area, angles, weight, and mass of two- and three-dimensional figures, using appropriate tools.
1903: Powered Flight	NC	MA.6.1.01.c	Make estimates in appropriate situations.
1903: Powered Flight	NC	MA.6.1.04.c	Estimate the results of computations.
1903: Powered Flight	NC	MA.6.5.04	Use graphs, tables, and symbols to model and solve problems involving rates of change and ratios.
Learning to Fly: The Wright Brother's Adventure			
2003 Mathematics			
Standard Course of Study			
North Carolina Mathematics			
Grade 7			
Activity/Lesson	State	Standards	
1900: Kitty Hawks	NC	MA.7.2.02	Solve problems involving volume and surface area of cylinders, prisms, and composite shapes.
New Data	NC	MA.7.1.03	Develop flexibility in solving problems by selecting strategies and using mental computation, estimation, calculators or computers, and paper and pencil.
1902: Success at Last	NC	MA.7.1.01	Develop and use ratios, proportions, and percents to solve problems.
1903: Powered Flight	NC	MA.7.1.02.c	Estimate the results of computations.
1903: Powered Flight	NC	MA.7.4.03	Describe how the mean, median, mode, range, frequency distribution, and inter-quartile range of a set of data affect its graph.

Learning to Fly: The Wright Brother's Adventure			
2003 Mathematics			
Standard Course of Study			
North Carolina Mathematics			
Grade 8			
Activity/Lesson	State	Standards	
New Data	NC	MA.8.1.02	Develop flexibility in solving problems by selecting strategies and using mental computation, estimation, calculators or computers, and paper and pencil.
Learning to Fly: The Wright Brother's Adventure			
2003 Mathematics			
Standard Course of Study			
North Carolina Mathematics			
Grades 9-12 (Algebra 1)			
Activity/Lesson	State	Standards	
1903: Powered Flight	NC	MA.9-12.4.01.a	Solve using tables, graphs, and algebraic properties.
Learning to Fly: The Wright Brother's Adventure			
2003 Mathematics			
Standard Course of Study			
North Carolina Mathematics			
Grades 9-12 (Algebra 2)			
Activity/Lesson	State	Standards	
1903: Powered Flight	NC	MA.9-12.2.02.a	Solve using tables, graphs, and algebraic properties.
1903: Powered Flight	NC	MA.9-12.2.05.c	Identify the asymptotes and intercepts graphically and algebraically.
1903: Powered Flight	NC	MA.9-12.2.06.a	Solve using tables and graphs.